

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,376,689 B2  
APPLICATION NO. : 10/799353  
DATED : May 20, 2008  
INVENTOR(S) : Heinrich Schenk

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 1, line 12, delete “XDSL” and insert in place thereof --x DSL--.

Column 1, line 61, delete the Paragraph Return following “factor.”.

Column 1, line 65, delete the Paragraph Return following “6,038,261.”.

Column 3, line 59, delete “illustrates” and insert in place thereof --illustrate--.

Column 5, line 26, delete “mm” and insert in place thereof --min--.

Column 6, line 46, delete “steps 1 to 3” and insert in place thereof --Finally steps 1 to 3 are repeated--.

Column 6, line 49, delete “steps 1” and insert in place thereof --Steps are repeated 1--.

Column 8, line 44, delete “ $\{|^{xm}(k)|\}$ ” and insert in place thereof -- $\{|xm(k)|\}$ --.

Column 8, line 61, delete “N - M” and insert in place thereof --N - M.--.

Column 9, lines 23, 24, and 26, delete all occurrences of “x ref” and insert in place thereof --xref--.

Column 9, line 31, delete “If however,” and insert in place thereof --If, however,--.

Column 9, line 32, delete “sorter” and insert in place thereof --sorting means--.

Column 9, lines 37 and 41, delete “ $\phi_i$ ” and insert in place thereof -- $\phi_i$ --.

Column 9, lines 41-42, delete “vector builder 10” and insert in place thereof --building means  
10--.

Column 11, line 4, delete “that is, is” and insert in place thereof --that is,--.

Column 13, line 20, delete “and phase” and insert in place thereof --and a phase--.

Column 13, line 25, delete “redetermined” and insert in place thereof --predetermined--.

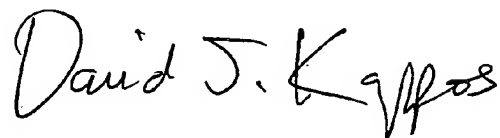
Column 13, line 38, delete “timed” and insert in place thereof --time--.

Column 14, line 13, delete “connected” and insert in place thereof --corrected--.

Column 14, line 30, move one “+” to beginning of the second line of equation.

Signed and Sealed this

Twenty-third Day of February, 2010

A handwritten signature in black ink, reading "David J. Kappos". The signature is written in a cursive, flowing style with a large initial "D".

David J. Kappos  
*Director of the United States Patent and Trademark Office*